

# Electricity and Its Many Appliances Are First Aid To Homemakers

## PERCOLATOR IS JOY OF YOUNG BRIDE

Electricity Makes Preparation of Meals an Art—"Each Dish a Lyric."

Yellow was the color of their first honeymoon breakfast—yellow jonquils in a crystal bowl, yellow half spheres of grapefruit, yellow omelets, and golden brown toast with yellow pats of butter. This was when they were sojourning at a pleasant hotel in a sunny room with a big bay window through which the sunlight streamed brightly; when they ordered breakfast over the telephone and it was served by a discreet and suave waiter. As the door closed behind him, the bride breathed a happy sigh.

"This is the way it should always be," she said. "Breakfast is an inspiring meal with a distinct color scheme."

"And strong coffee," he added, as he poured the coffee for two from a steaming silver pot.

"Luncheon," she continued softly, "should be a lyric."

"Where a succulent salad would field a good ballad," he added merrily.

"And dinner," she murmured, "every dish a poem in food."

"Here's to that dinner," he said, as he raised the coffee cup to his lips.

En route to their home they stopped to spend the week-end with a friend whose cook departed the day they arrived. The lady was amiable and agreeable, but helpless, entirely helpless, without a cook. She was an old friend of the bride's mother. She could embroider beautifully and discuss the latest novel, but was absolutely dependent upon her servants. The cook was gone and the maid was ill, but they would go for a drive and

have dinner at the Wistaria, which they did; and she would get breakfast in the morning, which she did.

That Sunday morning breakfast of a decided contrast to their honeymoon breakfast. The color scheme seemed to be dark, in fact, quite black. The flowers were faded, the hostess had been too busy to change them. The fruit was black prunes stewed, the cereal was dark in color, black liver and bacon came next, with the toast badly burned. The coffee was undrinkable. However, the hostess ate and drank and talked cheerfully of the days when the bride's mother, and she had been girls, and the beautiful fancy work they did as girls.

When the fringing couple finally started on the last lap of the homeward way, the bride exclaimed: "Oh, what a relief it will be when we get into our own cozy home!"

"At sit down to our own table!" said he.

"And prepare breakfast right at the table with those lovely electrical things Aunt Sophy gave us. They are still done up in tissue paper and white ribbon waiting for us. I am sure, I'm glad Aunt Sophy insisted upon some practical training for me."

Sure enough, the electrical things were waiting for them. The table was set for breakfast, but each electrical thing was swathed in soft paper with a dangling white cord that held a message from Aunt Sophy.

"Hear the message of the percolator," cried the bride with sparkling eyes. "Listen, isn't this lovely?"

"The charm of the modern table lies in its readiness to serve at moment's notice."

"Just hear this message from the round grill," said he, as he unwound the wrappings of paper.

"The art of table cookery is supplanting kitchen-cookery in the preparation of simple meals."

"Fanny taking one's stove out of a tissue paper parcel," laughed the bride.

"Think of the good things we can cook on it," cried the young husband with boyish enthusiasm.

"Hear the final message from the third cord: in the planning of the perfect meal there is art. Prepared electrically, a poet might offer lyrics to such a meal and a painter perceive in every dish a lovely color scheme."

"This is a wise relative who knows best gifts for honeymooners."

**NEW ELECTRIC SHEARS HAVE UNIQUE FEATURES**

There has recently been developed and placed on the market electric shears or cutting tool which has unique safety and labor-saving features. Several sizes have been developed, all of the hand or portable types are adapted to cutting sheet material from light cloth, nating or silk, up to sheet steel, one-sixteenth inch thick.

The shears is equipped with an up-to-date electric motor of the universal type, adapted to run on either D. C. or A. C. circuits, having a normal voltage of 115, which is usual for electric lighting supply.

It has a controlling push button switch in the handle, a separable attachment plug for connection to the ordinary electric lighting socket or a wall receptacle. The flexible cord is seven feet long from the handle to the plug. The shaft of the motor is fitted with an eccentric and connecting link for oscillating or vibrating the upper blade, only, of shears.

## WATERLESS BATHS SCIENTISTS PREDICT

See Day When Currents of Electricity Will Take Off Dirt Better Than Soap.

The ultra-modern bath room may not need a drop of water. For scientists now see the possibility of making electricity take the place of water. In other words, you may soon be enabled to bathe in "cold fire" by charging your body with high frequency currents of electricity.

Scientists have announced that the results of taking a dry bath with cold fire by shooting millions of volts of electricity through the body are as efficacious for cleanliness as soap and water. It is claimed that the currents throw off all dead skin, scales and dirt clinging to the skin and leave the bather feeling highly invigorated with his skin rosy and tingling as if he had just had a cold shower.

Writing in Electrical Experimenter, Dr. Nikola Tesla pointed out that he had performed many such experiments in his Colorado laboratory.

Dr. Tesla explained that he frequently stood upon one pole of his mastodon coils while the full current was on. He had to stand upon a metallic plate but was careful so no sparks jumped from his body to other objects or to the ceiling. This would have meant instant electrocution.

Dr. Tesla pointed out that as the human body has a certain capacity, it radiated a good deal of energy into the surrounding air. Due to the tremendous current the sensation was anything but comfortable. The current heating the blood vessels raised the bodily temperature and the experiment for this reason alone could not be extended for any great length of time.

During the experiments sparks and long spark-streams enveloped the inventor's entire body. At the extremities, elbows, knees, hip bones, nose, ears, etc., the spark display was most pronounced. Streams five to ten feet long would shoot out from extremities with a crackling noise. Due to the exceedingly high frequencies used, however, the sparks did neither sting nor burn the flesh. In the inventor's words, his body was enveloped in "cold fire."

He also explained that during the experiments his hair would stand on end, producing the same effect as if large static machine had been used on the hair.

H. Gernsback, editor of this publication, describes an experiment made with a regulation coil of very high frequency, but of comparatively low power. Only one kilowatt was used. The subject, he says, experienced hardly any sensation worth mentioning. Only at the extremities, such as the ears and the nose, a slight prickling sensation, not at all uncomfortable, was felt. The feet were wetted with salt water to insure perfect contact.

As to the value of these experiments Mr. Gernsback has this to say:

"As Dr. Tesla points out, if these machines come into daily use and duly invade our homes, it will be possible for us to have a dry bath, more sanitary and infinitely better than our present water baths. If the current conditions are right, the body will throw off scale, dead skin, dust, and

SHOWING the bather of the future taking a "cold fire" shower.



dirt particles, hurling them far from the body.

"For it should not be forgotten that the currents travel mostly over the skin, purging it of all impurities. But that is not all. The unquestioned therapeutic effects on the human body are of great value, not only to the muscles, but to the entire nervous system. The currents by softening the arteries, make the old feel younger and the young younger and more aggressive. Women, particularly, should derive great benefits from future high frequency dry baths."

## AIRPLANE TELEPHONES LATEST WIRE DEVICES

The busy business man and his stenographer can turn out a number of letters in the course of an airplane trip from New York to Washington.

The "click" click of the little typewriter is completely lost in the "roar" of the propeller, and the words that are dictated would also be drowned if special telephone connections between the two persons in the closed compartment were not made.

The helmet worn by each of the passengers cuts out enough of the engine's noise to permit the easy dictation of letters. Both compartments are electrically warmed.

## NEW WIRELESS DEVICE GIVES SIGNALS BY LAMP

A wireless signal lamp has been devised for various kinds of war work which enables the users to keep up communication under conditions where it would be difficult or impossible to stretch telephone or telegraph wires.

A barrage fire, for example, would be no hindrance to signaling by this new apparatus. It can be used between a ground station at the battle front and an airplane a considerable distance away, flying over enemy territory.

## WHY WIVES FAVOR ELECTRIC DEVICES

Can Turn Switch, They Sit Down With Visitor—Keep Womanly Charms Intact.

The underlying, basic reason why electric labor saving devices for the appeal to the wise housewife is forth in an interesting manner by Dorothy Blake, who writes on "Why Women Buy Electrical Goods" in Electrical Merchandising.

I have been reading the advertisements of three big manufacturers of electric household appliances, she declares. I own and use most of these appliances and will own more as I can spare the money to buy them. But the main reason why I put money into them is none of the forty-nine reasons the manufacturers give.

It is a woman's reason but not the proverbial "because," she continues. The reason why I and a good many other women—if they confess frankly—buy electric labor saving devices is because our personal charm and dignity are worth more to us than much fine gold!

Perhaps the connection between charm and dignity and electricity isn't plain. It isn't the drudgery of housework that most women mind. It is the way this drudgery affects their personal appearance and diminishes their charm.

What woman likes to have the social arbiter of her town, calling on club business on a weekday morning, find her with head swathed in a towel or dustcap, wearing an old house dress because the strenuous work of sweeping would ruin a better one? The furniture, too, is probably covered, moved out of place to permit the broom full sway; the air full of dust. A woman under such circumstances does not look her best, does she, nor feel her best mentally.

And here is where the electric cleaner raises her dignity, helps her poise, adds to her charm. With it there is no need for swathing her hair, no need for other than attractive clothing, no need for the disarranging of the furniture. A turn of the switch, and the sweeping stops. She can sit down and talk with any cooler and feel perfectly at ease.

A woman has guests to breakfast, to luncheon, to Sunday evening tea. She wants to serve hot toast, fresh and plenty of it. Without an electric toaster, she must leave the table, provided she has no maid, watch the toast in the kitchen range, and return to the table hot and flushed. Her mind is on the toast and not on the guests. She can't possibly appear, as she would like to appear, calm and interested. But place her behind an electric toaster, and conversation goes smoothly on, while her charm as a

hostess is increased a hundred times. Curly hair is as much a woman's right as the right to sit down and think a lot more useful. She will be to any length, sleeping on bumps of rubber, strips of iron, coils of wire, to obtain it. The discomfort means nothing, but the disfigurement everything. Who ever heard of a woman who was attractive in curlers? In case she curls her hair on an old-fashioned kind of iron, she must often go to the kitchen to do it. She does not make a pleasing picture. Seat her before a dressing table with the lights soft shaded and a silvery electric curler in her hand, and you transform her into one even a tired husband would enjoy gazing upon.

Our average woman in 1920 is trying to make a 1910 salary do double duty. This means she must do the ironing, sometimes the washing. She irons in a hot kitchen, with irons heated on the stove. She is hot, her clothes are mussed, and altogether she is no person to greet the friends of her "sub-deb" daughter as they come in after school. With an electric iron, however, she is cool, well dressed, and attractive. She loses nothing by the fact that she is ironing.

It is this desire to look well, to appear charming and lovable, that is the big reason why most women want and buy electrical appliances, thinks Miss Blake.

## GIANT ELECTRIC MAGNET LIFTS HEAVIEST FREIGHT

There have been big changes in the methods of handling unwieldy freight since electric power came to the aid of the factory and foundry man. One of the most interesting examples is the giant lifting magnet, which is used to load and unload pig iron.

Pig iron is heavy and hard to handle. It takes two men to carry a single pig and in moving a car load to the yard pile it is a slow, heart-and-hand-breaking job, and a costly one. That was the old way.

Today and electric hoisting magnet is lowered over the car or barge, the power is thrown on and the magnetism grabs and grips a whole ton at a time, one pig hanging to another. Then the derrick swings over, stops above the yard pile, the current is shut off and down drops the pigs.

When iron or steel is handled in large quantities, either in raw or finished form, this method effects an enormous saving over the old system and has performed many feats never before possible. A large load of kegged nails was recently recovered from the bottom of the Mississippi river after having been lost in a wreck. A similar rescue of coiled wire from the Ohio river near Pittsburgh is another recent performance.

Industrial transportation, where weights are heavy and the bulk unwieldy is another problem which electricity is solving with new efficiency. The recently-perfected electric truck for inter-departmental haulage in factories, has been pronounced one of the transportation marvels of the age.

## USE CARE IN CHOICE OF ELECTRIC RANGE

Should Be Adapted to Kind of Foods Family Is in Habit of Eating.

In selecting an electric range, careful thought should be given to the kind of foods the family is accustomed to eating.

In some homes, meats are generally broiled or roasted, in others there is a preponderance of stews and boiled meats, in still others, the frying pan does a goodly portion of the heavy cooking.

Those who enjoy boiled dishes such as stews, pot roasts, boiled fish and boiled vegetables, should not fail to investigate the stoves which have a "fryless cooker" feature. In such cooking operations can be done with the minimum expenditure of current.

It is unnecessarily wasteful to do any considerable amount of boiling or top of the stove; the "fryless cooker" does it better, with less care and watching, in a heat-insulated compartment controlled by a clock switch. With such a unit, one has simply to put the food in the cooker set the clock and forget it until meal time.

Where much baking is done, a good sized oven is required and for economy this oven should be well insulated so that the minimum amount of electricity will do the maximum of work.

## KEEP COOL

these hot days and nights with G. E. or Westinghouse

**ELECTRIC FANS**

Ask for estimates on wiring, electrical repair work, and fixtures of all kinds.

**ZARIN BROS.**

The store that saves you money. M. 4965 717 12th St.

Just Received  
Carload of  
**THE A-B-C**  
Super Electric  
WASHING  
MACHINE

Immediate Delivery  
Free Demonstration in Your Home.  
No Obligation to Purchase.  
Sold on Easy Terms

**WEBSTER**  
SEVEN-NINETEEN NINTH

Let a G-E fan bring in the fresh air and blow out the stale

In sleeping room or sick room fresh air is particularly essential. There are no aids to ventilation that can beat

**G-E Fans**

A G-E fan is one of the most useful household devices that electricity brings to your door—are you getting the full benefit of your wired home?

Washington Distributor

**NATIONAL ELECTRICAL SUPPLY COMPANY**  
1328-30 NEW YORK AVE. MAIN 6800

The Store for Things Electrical  
Everything for the Motorist

OTHER DEALERS  
Who are Ready to Sell You a G-E Fan

E. Angerman, Arcade Market.  
Ed. R. Bateman, 1410 Irving St. N.E.  
Joseph Borras, 3062 Mt. Pleasant St. N.W.  
The E. F. Brooks Co., 813 14th St. N.W.  
Joseph D. Campbell, 2203 14th St. N.W.  
Capital Electric Co., 1525 14th St. N.W.  
Cavanaugh & Kendrick, 3411 M St. N.W.  
Carroll P. Carpenter, 1247 Kearney St. N.E.  
Chipman Electric Co., 815 D St. N.W.  
F. L. Clarke, 1242 Wisconsin Ave. N.W.  
Lloyd R. Colliflower, 2015 14th St. N.W.  
John Collins, Co., Inc., 467 C St. N.W.  
Columbia Lighting Shop, 1435 K St. N.W.  
B. M. Comerford, 1823 18th St. N.W.  
C. W. Dauber, 204 H St. N.W.  
R. W. Darr, 805 Maryland Ave. N.E.  
H. F. Danner, 3300 14th St. N.W.  
Dulin & Martin Co., 1215 F St. N.W.  
Electric Construction Co., 1225 New York Ave. N.W.  
O. R. Evans & Bros., 720 18th St. N.W.  
E. G. Ernst Co., 604 5th St. N.W.  
W. A. Finch, 2416 18th St. N.W.  
E. C. Graham, 1408 Eye St. N.W.  
E. C. Haddon, 2225 Penna. Ave. S.E.  
Geo. W. Jones, 1414 Park Road, N.W.  
S. Kana Sons & Co., 8th and Pa. Ave.  
Modern Auto Supply Co., 917 H St. N.E.  
Modern Electric Shop, 1411 U St. N.W.  
C. A. Muddiman & Co., 1204 G St. N.W.  
Penn Electric Shop, 1915 Penna. Ave. N.W.  
Premier Service Co., 704 10th St. N.W.  
Pruitt, Zimmermann & Clarke, 2438 10th St. N.W.  
Joseph S. Repetti, 149 B St. S.E.  
Robertson Electric Co., 1322 H St. N.E.  
D. M. Ross, 1214 Eye St. N.W.  
Rudolph & West Co., 1332 New York Ave. N.W.  
H. I. Scharr Electric Co., 711 13th St. N.W.  
C. Schneider's Sons, 1207 F St. N.W.  
Silverberg Electric Co., 1012 E St. N.W.  
N. D. Staughton, 224 Holly Ave., Takoma Park, D. C.  
J. E. Taylor & Co., 1324 Eye St. N.W.  
The Sport Mart, Inc., 605 F St. N.W.  
Turherville & Harding, 709 12th St. N.W.  
Sam Ullman, 1778 You St. N.W.  
D. Gordon Washburn, 801 12th St. N.W.  
Warfield & Sanford, Inc., 910 E St. N.W.  
W. B. Watzel, 602 12th St. N.W.  
White & Boyce Co., 812 13th St. N.W.  
Washington Electric Co., 21 H St. N.W.  
Washington Theater Supply Co., 910 G St. N.W.  
Zarin Bros., 717 12th St. N.W.  
Alexandria County Lighting Co., Alexandria, Va.  
Arlington Electric Co., Clarendon, Va.  
Watkins & Washington, Alexandria, Va.  
Suburban Electric Co., Rockville, Md.  
W. P. Earnest, Mt. Rainier, Md.  
J. C. Hawkins, Hyattsville, Md.



## We Live In An Electrical Age

And all those who are abreast of the times save time and add to the joys of living through the aid of Electrical devices—in the home and at the office.

Washington's leading Electrical stores are not only stocked right up to the minute with the most modern electrical devices, but their sales forces are equipped with a thorough knowledge of the articles they sell.

In addition to that best of all artificial lights, the electric light, there is the cooling electric fan (for home and office), the electric stove for cooking or the electric heater for warmth, electric toasters, electric flat irons, electric curling irons for the boudoir, electric washing machines, electric (vacuum) sweepers—in fact, devices for practically every purpose requiring heat, cold, light or power.

These Leading Electrical Stores Will Serve You—and Serve You Well In All Matters Electrical

Washington's Leading Electrical Stores —That Supply Every Electrical Need

Capital Electric Co., Franklin 4582. 1525 14th St.

Carroll Electric Co., Appliance Dept., Main 7320. 714 12th St.

F. L. Clarke, West 2419. 1242 Wisconsin Ave.

Davis Electric Co., Main 5547. 1009 H St.

Howard P. Foley Co., Main 1130-1. 806 12th St.

E. C. Gramm, Franklin 5016. 1408 Eye St.

National Elec. Supply Co., Main 6800. 1330 N. Y. Ave.

Joseph S. Repetti, Lincoln 235. 149 B St. S. E.

H. I. Sharr Electric Co., Main 1286. 711 13th St.

J. E. Taylor & Co., Main 7103. 1324 Eye St.

Zarin Bros., Main 4965. 717 12th St.

Doubleday-Hill Elec. Co., Wholesale, Main 4681. 715 12th St.

These Leading Electrical Stores Will Serve You—and Serve You Well In All Matters Electrical

Washington's Leading Electrical Stores Will Serve You—and Serve You Well In All Matters Electrical